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(54) NEW TNF VARIANT, PRODUCTION THEREOF AND ANTITUMOR AGENT CONTAINING THE SAME VARIANT AS ACTIVE INGREDIENT

(57)Abstract:

NEW MATERIAL:A TNF variant having sequence of amino acid residue of L body expressed by the formula (X is Val or Arg; Y is Asn or Gly; Z is Arg, Glu or Gln except when X is Val and Y is Asn and Z is Arg).

EXAMPLE: An antiulcer agent.

USE: A host cell is transformed by a recombinant vector in which DNA having a base sequence in which a translation initiation codon is bound to 5' end of the base sequence coding a TNF variant expressed by the formula and a translation termination codon is bound to 3' end thereof is integrated into a manifestation vector and then the transformed host cell is cultured in a culture medium.

(N 番号)
Val-Arg-Ser-Arg-Ser-Arg-Thr-Pro-Ser-Arg-
Leu-Pro-Val-Ala-Gly-Ileu-Val-Ala-Leu-Pro-
Glu-Ile-Gly-Gly-Gly-Leu-Ile-Thr-Leu-Ile-
Arg-Arg-Ala-Asn-Ala-Leu-Asp-Ala-Asp-Gly-
Val-Glu-Leu-Arg-Asp-Asp-Gly-Leu-Val-Ile-
Pro-Ser-Glu-Gly-Leu-Thr-Leu-Ile-Thr-Ser-
Glu-Val-Leu-Phe-Lys-Gly-Gly-Gly-Cys-Pro-
Ser-Thr-Ile-Val-Leu-Leu-Thr-Ile-Thr-Ile-
Ser-Arg-Ile-Ala-Val-Ser-Thr-Gly-Thr-Lys-
X-Asp-Leu-Leu-Ser-Ala-Ile-Lys-Ser-Pro-
Cys-Gly-Arg-Gly-Thr-Pro-Gly-Gly-Ala-Gly-
Ile-Lys-Pro-Thr-Thr-Gly-Pro-Ile-Thr-Leu-
Gly-Gly-Val-Phe-Gly-Lys-Gly-Lys-Gly-Asp-
Arg-Leu-Ser-Ile-Ile-Ile-X-Z-Pro-Arg-
Thr-Leu-Arg-Phe-Ile-Gly-Ser-Gly-Ile-Val-
Thr-Phe-Gly-Ile-Ile-Ile-Ile-Ile-Ile-Ile-Ile
(C 番号)

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